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QDPR Rabbit pAb

货号: **AYP12370**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens , Rattus norvegicus
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	22kDa/25kDa
实测分子量	26kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse liver,Mouse kidney,Mouse brain,Rat liver,HL-60,BT-474,SW620
细胞定位	cytoplasm,cytosol,extracellular exosome
纯化	Affinity purification

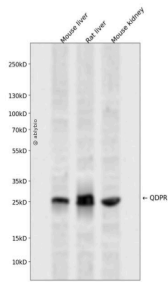
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-244 of human QDPR (NP_000311.2).
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靶点信息

研究背景	This gene encodes the enzyme dihydropteridine reductase, which catalyzes the NADH-mediated reduction of quinonoid dihydrobiopterin. This enzyme is an essential component of the pterin-dependent aromatic amino acid hydroxylating systems. Mutations in this gene resulting in QDPR deficiency include aberrant splicing, amino acid substitutions, insertions, or premature terminations. Dihydropteridine reductase deficiency presents as atypical phenylketonuria due to insufficient production of biopterin, a cofactor for phenylalanine hydroxylase.
基因ID	5860
基因名	QDPR
Swiss	P09417 (https://www.uniprot.org/uniprotkb/P09417/entry)
别名	QDPR,DHPR,PKU2,SDR33C1,QDPR Rabbit pAb,HDHPR,Quinoid dihydropteridine reductase,Short chain dehydrogenase/reductase family 33C member 1

产品验证



Western blot analysis of QDPR expressed in Mouse liver,Rat liver,Mouse kidney using QDPR Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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